Model: LCD4WM

3.5" Window Mounted

LCD Monitor

Installation Manual

Features

- 3.5" Inductive Touch Screen LCD Monitor
- Low Profile, Slim Design
- High Resolution TFT LCD
- Built in Speaker
- Two video inputs
- Fully Adjustable
- Auto brightness adjustment
- DC12V – DC24V

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Table of Contents

Warnings 3
Product Description 4
Packing List 4
LCD Monitor Installation 5
Camera Wiring Diagram 7
Specifications 7
Troubleshooting 8

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Warnings

The product is intended to assist in safe driving and to allow the driver to have a broader rear view while the vehicle is in reverse. You, as the driver, are solely responsible for the safe operation of your vehicle and the safety of your passengers according to local traffic regulations. Do not use any features of this system to the extent it distracts you from safe driving. Your first priority while driving should always be the safe operation of your vehicle. Audiovox Electronics Corporation cannot accept any responsibility whatsoever for accidents resulting from failure to observe these precautions or safety instructions.

1. This product utilizes high voltage. Any unauthorized modifications or damage to the product may result in electrical shock. Handle all components with care. Inspect regularly for damage to components and cabling.
2. You are responsible for ensuring that the installation of this product does not void or affect the vehicle manufacturer's warranty. Audiovox Electronics Corporation or its subsidiaries are not liable in full or in part for improper installation resulting in loss or damage to your property, or for voiding all or part of the vehicle manufacturer's warranty.
3. Do not apply excessive force to any of the components contained within this kit. Excessive force used before, during or after installation that results in a damaged or non-functional part will void all warranties.
4. Please follow the procedures in this installation manual. Improper installation or modification of this product will void all warranties.

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Product Description

This advanced high resolution monitor will show a clear picture from a reversing camera or any other video source.

The modern thin design and no button touch screen and built in speaker are all features not found on competitive products.

The LCD is perfect for use on your car, truck, or van.

This wired Monitor is designed for use with an Advent camera but is compatible with most video sources and other cameras and can be connected using a standard RCA connector.

Packing List

Parts	Barcode #	Quantity
3.5" Window Mount Monitor	30252030	1
5M Power Harness (8-Pin) & S-Video (M) to RCA (F) Adaptor	30252160	1
5M Extension Cable (4-Pin)	30252170	1
Mounting Bracket	30252060	1
Manual	30252020	1

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LCD Monitor Installation

1. Choose a suitable place for the screen in clear view of the driver (recommended positions include next to the Rear Vision Mirror or in the corner of the front window).
2. Examine the vehicle to determine the best way to run the power wires to: accessory power, the reverse lights and to the camera at the rear of the vehicle.
3. Mount the 'tombstone' metal lug onto the front Windscreen with Permatex adhesive – follow the Permatex instructions on application/drying.
4. Run the wiring harness from the LCD location to the rear of the vehicle.
5. Attach reverse & accessory power wires.
6. Connect your reversing camera.

Note: When using a Advent Camera with your Advent Monitor the signal and power for the camera will be supplied through the monitor extension cable. Please also note that the microphone in the camera will be played on the speaker built into the LCD monitor.

7. Connect the LCD Monitor to the harness.
8. Power up and adjust on screen settings.

NOTE: To adjust monitor settings lightly touch along the bottom of the screen to enact the inductive screen menu and follow prompts.

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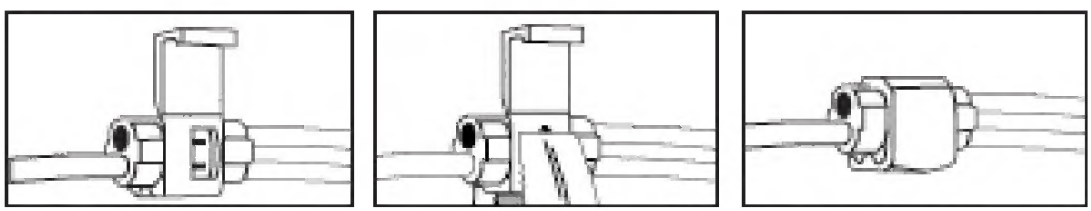
Wiring the Camera to the Vehicle's Reverse Lamp

1. Locate the reverse lamp in the tail light assembly.
2. Using the tap connector supplied, perform the following steps:
   a) Place the un-stripped positive lead from the tail lamp in the run channel, which runs completely through the connector.
   b) Insert the un-stripped red power wire from the camera completely into the other channel in the connector.
   c) Make the connection between the wires by crimping down the metal connector with a pair of pliers, making sure the metal is flush with the plastic insulator.
   d) Close the top plastic hinged cover until latched.
3. Attach the black wire to the ground (negative).
4. Repeat the above steps for the red wire.



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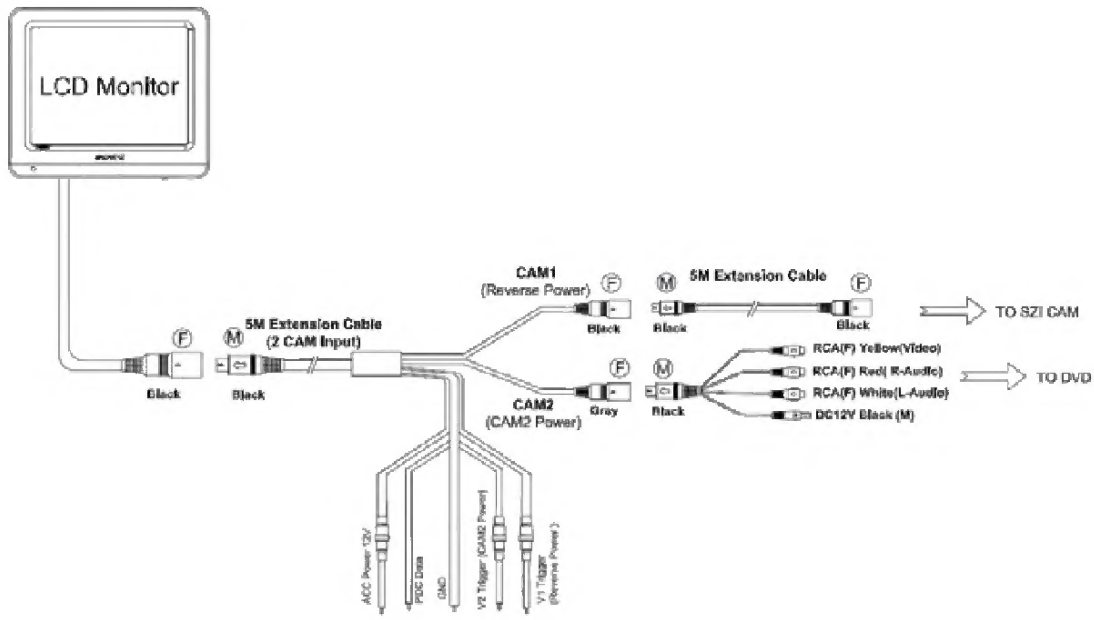
Monitor Wiring Diagram

Note: If used with an Advent camera – the power and signal will be provided through a single cable from the monitor.



Specifications

1. Voltage: DC9V – DC28V
2. Current: 300mA Maximum
3. Signal System: Switchable
4. Viewing Angle: 160 degrees
5. Minimum Illumination: 0.7 Lux
6. Image Display: Selectable Normal/Reverse Image
7. Adjustable Viewing Angle

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Troubleshooting

Symptom	Solution
No power to the monitor	1. Check that reverse power is attached to orange wire. 2. Check that accessory power is attached to red wire 3. Check that black is attached to vehicle body (ground) 4. Check fuse and if blown ONLY replace is fuse of same amperage.
No image from backup camera when vehicle placed in reverse	1. Check that camera is functioning correctly 2. Check that orange wire is attached to reverse power. 3. Check that backup camera is attached to input CAM1.
Image is mirrored or requires adjustment	1. All settings are adjusted by pressing on the bottom right corner of the screen (*Touch) and following prompts.
Sound can not be heard from Advent camera	1. Increase volume through touch menu.

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